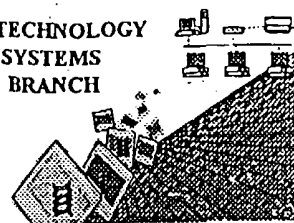


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/648,692A
Source: IFW/6
Date Processed by STIC: 4/22/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 09/648,692A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 ☐ **Wrapped Nucleics
Wrapped Aminos** The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 ☐ **Invalid Line Length** The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
- 3 ☐ **Misaligned Amino
Numbering** The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
- 4 ☒ **Non-ASCII** The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 ☐ **Variable Length** Sequence(s) _____ contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 ☐ **PatentIn 2.0
"bug"** A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
- 7 ☐ **Skipped Sequences
(OLD RULES)** Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 ☐ **Skipped Sequences
(NEW RULES)** Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 ☐ **Use of n's or Xaa's
(NEW RULES)** Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 ☒ **Invalid <213>
Response** Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 ☐ **Use of <220>** Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 ☐ **PatentIn 2.0
"bug"** Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 ☐ **Misuse of n/Xaa** "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFW16

RAW SEQUENCE LISTING

DATE: 04/23/2004

PATENT APPLICATION: US/09/648,692A

TIME: 11:49:45

Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\04232004\I648692A.raw

4 <110> APPLICANT: Dolly, James Oliver
 5 Li, Yan
 6 Chan, C.K.
 7 Aoki, Kei Roger
 9 <120> TITLE OF INVENTION: Activatable Recombinant Neurotoxins
 12 <130> FILE REFERENCE: 17311(BO)
 14 <140> CURRENT APPLICATION NUMBER: 09/648,692A
 15 <141> CURRENT FILING DATE: 2000-08-25
 17 <150> PRIOR APPLICATION NUMBER: 60/150,710
 18 <151> PRIOR FILING DATE: 1999-08-25
 20 <160> NUMBER OF SEQ ID NOS: 29
 22 <170> SOFTWARE: FastSEQ for Windows Version 4.0

pp 1, 3-5
 Does Not Comply
 Corrected Diskette Needed

*see item 4
 on Error Summary
 sheet*

ERRORED SEQUENCES

91 <210> SEQ ID NO: 7
 92 <211> LENGTH: 65
 93 <212> TYPE: PRT
 94 <213> ORGANISM: Artificial Sequence
 96 <220> FEATURE:
 97 <223> OTHER INFORMATION: Engineered Intrachain loop region for C. tetani
 98 toxin
 100 <400> SEQUENCE: 7
 101 Ser Lys Leu Ile Gly Leu Cys Lys Lys Ile Ile Pro Pro Thr Asn Ile
 102 1 5 10 15
 103 Arg Glu Asn Leu Tyr Asn Arg Thr Ala Gly Glu Lys Leu Tyr Asp Asp
 104 20 25 30
 105 Asp Asp Lys Asp Arg Trp Gly Ser Ser Arg Ser Leu Thr Asp Leu Gly

E--> 106 35 40 45 Gly Glu Leu Cys Ile

130 <210> SEQ ID NO: 10
 131 <211> LENGTH: 4017
 132 <212> TYPE: DNA
 133 <213> ORGANISM: Clostridium botulinum
 135 <400> SEQUENCE: 10

OK-> 136 gaattcaagt agtagataat aaaaataatg ccacagattt ttattattaa taatgatata 60
 137 tttatctcta actgtttaac ttttaacttat aacaatgtaa atatatattt gtctataaaa 120
 138 aatcaagatt acaattgggt tatatgtgat cttaatcatg atataccaaa aaagtcatat 180
 139 ctatgggat taataaataat ataaatttaa aattaggaga tgctgtatat gccaaaaatt 240
 140 aatagtttta attataatga tcctgttaat gatagaacaa ttttatatat taaaccaggc 300
 141 gggtgtcaag aattttataa atcatttaatt attatgaaaa atatttggat aattccagag 360
 142 agaaatgtaa ttggtacaac cccccaagat tttcatccgc ctacttcatt aaaaaatgga 420
 143 gatagtagtt attatgaccc taattattta caaagtgatg aagaaaagga tagattttta 480

RAW SEQUENCE LISTING

DATE: 04/23/2004

PATENT APPLICATION: US/09/648,692A

TIME: 11:49:45

Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\04232004\I648692A.raw

144	aaaatagtc	caaaaatatt	taatagaata	aataataatc	tttcaggagg	gattttatta	540
145	gaagaactgt	caaaagctaa	tccatattta	gggaatgata	atactccaga	taatcaattc	600
146	catattggtg	atgcatcagc	agttgagatt	aaattctcaa	atggtagcca	agacatacta	660
147	ttacctaatg	ttattataat	gggagcagag	cctgatttat	ttgaaactaa	cagttccaat	720
148	attttctctaa	gaaataatta	tatgccaagc	aatcaccggt	ttggatcaat	agctatagta	780
149	acattctcac	ctgaatatcc	tttttagattt	aatgataatt	gtatgaatga	atttattcaa	840
150	gatcctgctc	ttacattaat	gcatgaatta	atacatctat	tacatggact	atatggggct	900
151	aaaggggatta	ctacaaagta	tactataaca	caaaaacaaa	atcccctaat	aacaaatata	960
152	agagggtacaa	atattgaaga	attcttaact	tttggaggta	ctgattttaa	cattattact	1020
153	agtgtcagtg	ccaatgatat	ctataactat	cttctagctg	attataaaaa	aatagcgtct	1080
154	aaacttagca	aagtacaagt	atctaataca	ctacttaatc	cttataaaga	tgtttttgaa	1140
155	gcaaagtatg	gattagataa	agatgctagc	ggaattttatt	cggtaaatat	aaacaaattt	1200
156	aatgatattt	ttaaaaaatt	atacagcttt	acggaatttg	atttacgaac	taaatttcaa	1260
157	gttaaatgta	ggcaaaactta	tattggacag	tataaatact	tcaaactttc	aaacttggtta	1320
158	aatgattcta	tttataatat	atcagaaggc	tataatataa	ataattttaa	ggtaaatttt	1380
159	agaggacaga	atgcaaattt	aaatcctaga	attattacac	caattacagg	tagaggacta	1440
160	gtaaaaaaa	tcattagatt	ttgtaaaaat	attgtttctg	taaaaggcat	aaggaaatca	1500
161	atattgtatcg	aaataaataa	tgggtgagtta	ttttttgtgg	cttccgagaa	tagttataat	1560
162	gatgataata	taaatactcc	taaagaaatt	gacgatcacg	taacttcaaa	taataattat	1620
163	gaaaatgatt	tagatcaggt	tatttttaaat	tttaatagtg	aatcagcacc	tggactttca	1680
164	gatgaaaaat	taaatttaac	tatccaaaat	gatgcttata	taccaaataa	tgattctaata	1740
165	ggaacaagtg	atatagaaca	acatgatgtt	aatgaactta	atgtattttt	ctatttagat	1800
166	gcacagaaag	tgcccgaagg	tgaaaaataat	gtcaatctca	cctcttcaat	tgatacagca	1860
167	ttattagaac	aacctaaaat	atatacattt	ttttcatcag	aattttattaa	taatgtcaat	1920
168	aaacctgtgc	aagcagcatt	atttgtaagc	tggatacaac	aagtgttagt	agattttact	1980
169	actgaagcta	acccaaaaag	tactgttgat	aaaattgcag	atattttctat	agttgttcca	2040
170	tatatagggtc	ttgcttttaa	tataggaaat	gaagcacaaa	aaggaaattt	taaagatgca	2100
171	cttgaattat	taggagcagg	tatttttatta	gaatttgaac	ccgagctttt	aatttctaca	2160
172	atttttagtat	tcacgataaa	atcttttttta	gggtcatctg	ataataaaaa	taaagtattt	2220
173	aaagcaataa	ataatgcatt	gaaagaaaaga	gatgaaaaat	ggaaagaagt	atatagtttt	2280
174	atagtatcga	attggatgac	taaaattaat	acacaattta	ataaaagaaa	agaacaaatg	2340
175	tatcaagctt	tacaaaatca	agtaaatgca	attaaaacaa	taatagaatc	taagtataat	2400
176	agttataactt	tagaggaaaa	aaatgagctt	acaaataaat	atgatattaa	gcaaatagaa	2460
177	aatgaactta	atcaaaagg	ttctatagca	atgaataata	tagacagggt	cttaactgaa	2520
178	agttctatat	cctattttaat	gaaaataata	aatgaagtaa	aaatttaata	attaagagaa	2580
179	tatgatgaga	atgtcaaaac	gtattttattg	aattatatta	tacaacatgg	atcaatcttg	2640
180	ggagagagtc	agcaagaact	aaattctatg	gtaactgata	ccctaaataa	tagtattcct	2700
181	tttaagcttt	cttcttatac	agatgataaa	atttttaatt	catattttta	taaattcttt	2760
182	aagagaatta	aaagtagttc	agtttttaaat	atgagatata	aaaatgataa	atacgtagat	2820
183	acttcaggat	atgattcaaa	tataaatatt	aatggagatg	tatataaata	tccaactaat	2880
184	aaaaatcaat	ttggaatata	taatgataaa	cttagtgaag	ttaatataat	tcaaaatgat	2940
185	tacattatat	atgataataa	atataaaaaat	tttagtatta	gtttttgggt	aagaattcct	3000
186	aactatgata	ataagatagt	aaatgttaat	aatgaatata	ctataataaa	ttgtatgaga	3060
187	gataataaatt	caggatggaa	agtatctctt	aatcataatg	aaataatttg	gacattcgaa	3120
188	gataatcgag	gaattaatca	aaaatttagca	tttaactatg	gtaacgcaaa	tggtattttct	3180
189	gattatataa	ataagtggat	ttttgttaact	ataactaatg	atagattagg	agattctaaa	3240
190	ctttatatta	atggaaattt	aatagatcaa	aaatcaattt	taaatttagg	taatattcat	3300
191	gttagtgaca	atatattatt	taaaatagtt	aattgtagtt	atacaagata	tattggtatt	3360
192	agatattttta	atattttttga	taaagaatta	gatgaaacag	aaattcaaac	tttatatagc	3420

RAW SEQUENCE LISTING

DATE: 04/23/2004

PATENT APPLICATION: US/09/648,692A

TIME: 11:49:45

Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\04232004\I648692A.raw

193 aatgaaccta atacaaatat tttgaaggat ttttggggaa attatttget ttatgacaaa 3480
 194 gaatactatt tattaatatgt gttaaaacca aataacttta ttgataggag aaaagattct 3540
 195 actttaagca ttaataatat aagaagcact attcttttag ctaatagatt atatatgtga 3600
 196 ataaaagtta aaatacaaag agttaataat agtagtacta acgataatct tgtagtagaa 3660
 197 aatgatcagg tatatatata tttttagtagc agcaaaactc acttatttcc attatatget 3720
 198 gatacagcta ccacaaataa agagaaaaca ataaaaatat catcatctgg caatagattt 3780
 199 aatcaagtag tagttatgaa ttcagtagga aattgtacaa tgaattttaa aaataataat 3840

E--> 200

ggaaataata ttgggttgtt aggtttcaag gcagatactg tcgttgctag tacttggtat 3900tatacacata

243 <210> SEQ ID NO: 15

244 <211> LENGTH: 5

245 <212> TYPE: PRT

246 <213> ORGANISM: Site

248 <220> FEATURE:

249 <221> NAME/KEY: SITE

250 <222> LOCATION: (1)...(5)

251 <223> OTHER INFORMATION: protease cleavage site

253 <400> SEQUENCE: 15

E--> 254 Asp Asp Asp Asp Lys 1

5

271 <210> SEQ ID NO: 17

272 <211> LENGTH: 5

273 <212> TYPE: PRT

274 <213> ORGANISM: Clostridium species

276 <220> FEATURE:

277 <221> NAME/KEY: ZN_FING

278 <222> LOCATION: (1)...(5)

279 <223> OTHER INFORMATION: Xaa=any amino acid

281 <400> SEQUENCE: 17

E--> 282 His Glu Xaa Xaa His 1

5

295 <210> SEQ ID NO: 19

296 <211> LENGTH: 22

297 <212> TYPE: PRT

298 <213> ORGANISM: Artificial Sequence

300 <220> FEATURE:

301 <223> OTHER INFORMATION: Linker

303 <400> SEQUENCE: 19

E--> 304

Met Gly Gly Ser His His His His His Gly Met Ala Ser Met Thr 1

5

306 <210> SEQ ID NO: 20

307 <211> LENGTH: 19

308 <212> TYPE: PRT

309 <213> ORGANISM: Clostridium botulinum

311 <400> SEQUENCE: 20

E--> 312

Ser Leu Thr Asp Leu Gly Gly Glu Leu Cys Ile Lys Ile Lys Asn Glu 1

5

325 <210> SEQ ID NO: 22

326 <211> LENGTH: 7

327 <212> TYPE: PRT

328 <213> ORGANISM: Artificial Sequence

330 <220> FEATURE:

331 <221> NAME/KEY: SITE

332 <222> LOCATION: (2)...(3)

RAW SEQUENCE LISTING

DATE: 04/23/2004

PATENT APPLICATION: US/09/648,692A

TIME: 11:49:45

Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\04232004\I648692A.raw

333 <223> OTHER INFORMATION: Xaa=any amino acid
335 <223> OTHER INFORMATION: Protease cleavage site
W--> 337 <400> 22
E--> 338 Glu Xaa Xaa Tyr Ser Gln Ser 1 5 *dem 4*
340 <210> SEQ ID NO: 23
341 <211> LENGTH: 7
342 <212> TYPE: PRT
343 <213> ORGANISM: Artificial Sequence
345 <220> FEATURE:
346 <221> NAME/KEY: SITE
347 <222> LOCATION: (2)...(3)
348 <223> OTHER INFORMATION: Xaa=any amino acid
350 <221> NAME/KEY: SITE
351 <222> LOCATION: (5)...(5)
352 <223> OTHER INFORMATION: Xaa=any amino acid
354 <223> OTHER INFORMATION: Protease cleavage site
W--> 356 <400> 23
E--> 357 Glu Xaa Xaa Tyr Xaa Gln Gly 1 5 *dem 4*
359 <210> SEQ ID NO: 24
360 <211> LENGTH: 18
361 <212> TYPE: PRT
362 <213> ORGANISM: Artificial Sequence
364 <220> FEATURE:
365 <223> OTHER INFORMATION: Translated PCR fragment
367 <400> SEQUENCE: 24
E--> 368
Met Arg Gly Ser His His His His His Gly Ser Pro Lys Ile Asn 1 5 *dem 4*

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/648,692A

DATE: 04/23/2004

TIME: 11:44:32

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\04232004\I648692A.raw

```

181 agttctatat cctatttaaat gaaaataata aatgaagtaa aaattaataa attaagagaa 2580
182 tatgatgaga atgtcaaaac gtattttattg aattatatta tacaacatgg atcaatcttg 2640
183 ggagagagtc agcaagaact aaattctatg gtaactgata ccctaaataa tagtattcct 2700
184 ttttaagcttt cttctttatac agatgataaa attttaattt catattttta taaattcttt 2760
185 aagagaatta aaagtagttc agtttttaaat atgagatata aaaatgataa atacgtagat 2820
186 acttcaggat atgattcaaa tataaatatt aatggagatg tatataaata tccaactaat 2880
187 aaaaatcaat ttggaatata taatgataaa cttagtgaag ttaatatatc tcaaatgat 2940
188 tacattatat atgataataa atataaaaaat tttagtatta gtttttgggt aagaattcct 3000
189 aactatgata ataagatagt aaatgttaat aatgaatata ctataataa ttgtatgaga 3060
190 gataataatt caggatggaa agtatctctt aatcataatg aaataatttg gacattcgaa 3120
191 gataatcgag gaattaatca aaaattagca ttttaactatg gtaacgcaa tggtatttct 3180
192 gattatataa ataagtggat ttttgtaact ataactaatg atagattagg agattctaaa 3240
193 ctttatatta atggaaattt aatagatcaa aaatcaattt taaatttagg taatattcat 3300
194 gttagtgcac atatattatt taaaatagtt aattgtagtt atacaagata tattggtatt 3360
195 agatatttta atatttttga taaagaatta gatgaacacg aaattcaaac tttatatagc 3420
196 aatgaaccta atacaaatat tttgaaggat ttttggggaa attatttgct ttatgacaaa 3480
197 gaatactatt tattaaatgt gttaaaacca aataacttta ttgataggag aaaagattct 3540
198 actttaagca ttaataatat aagaagcact attcttttag ctaatagatt atatagtga 3600
199 ataaaagtta aaatacaaag agttaataat agtagtacta acgataatct tgtagaaaag 3660
200 aatgatcagg tatatattaa ttttgtagcc agcaaaactc acttatttcc atttatgct 3720
201 gatacagcta ccacaaataa agagaaaaca ataaaaatat catcatctgg caatagattt 3780
202 aatcaagtag tagttatgaa ttcagtagga aattgtacaa tgaattttta aaataataat 3840
203 ggaaataata ttgggttggt aggtttcaag gcagatactg tcgttgctag tacttggtat 3900
204 tatacacata tgagagatca tacaacagc aatggatgtt tttggaactt tatttctgaa 3960
205 gaacatggat ggcaagaaaa ataaaaatta gattaaacgg ctaaagtcac aaattcc 4017

```

207 <210> SEQ ID NO: 11

208 <211> LENGTH: 37

209 <212> TYPE: DNA

C--> 210 <213> ORGANISM: Artificial Sequence

212 <220> FEATURE:

213 <223> OTHER INFORMATION: PCR primer

215 <400> SEQUENCE: 11

216 cccggatccc caaaaattaa tagttttaat tataatg 37

218 <210> SEQ ID NO: 12

219 <211> LENGTH: 36

220 <212> TYPE: DNA

221 <213> ORGANISM: PCR primer

223 <400> SEQUENCE: 12

224 cccctgcagt catttttctt gccatccatg ttcttc 36

226 <210> SEQ ID NO: 13

227 <211> LENGTH: 31

228 <212> TYPE: DNA

229 <213> ORGANISM: Artificial Sequence

231 <220> FEATURE:

232 <223> OTHER INFORMATION: PCR primer

234 <400> SEQUENCE: 13

235 cagttaatac attcattaca tggactatat g 31

237 <210> SEQ ID NO: 14

238 <211> LENGTH: 26

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/648,692A

DATE: 04/23/2004
TIME: 11:49:46

Input Set : A:\Seqlist.txt
Output Set: N:\CRF4\04232004\I648692A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:7; Line(s) 106
Seq#:10; Line(s) 200
Seq#:19; Line(s) 304
Seq#:20; Line(s) 312
Seq#:24; Line(s) 368

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/648,692A

DATE: 04/23/2004

TIME: 11:49:46

Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\04232004\I648692A.raw

L:106 M:252 E: No. of Seq. differs, <211> LENGTH:Input:65 Found:48 SEQ:7
L:200 M:360 E: Sequence data overflow, line data truncated, for SEQ ID#:10
L:200 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:16
L:200 M:252 E: No. of Seq. differs, <211> LENGTH:Input:4017 Found:3840 SEQ:10
L:205 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
L:254 M:301 E: (44) No Sequence Data was Shown, SEQ ID:15
L:254 M:252 E: No. of Seq. differs, <211> LENGTH:Input:5 Found:0 SEQ:15
L:282 M:301 E: (44) No Sequence Data was Shown, SEQ ID:17
L:282 M:252 E: No. of Seq. differs, <211> LENGTH:Input:5 Found:0 SEQ:17
L:304 M:301 E: (44) No Sequence Data was Shown, SEQ ID:19
L:304 M:252 E: No. of Seq. differs, <211> LENGTH:Input:22 Found:0 SEQ:19
L:312 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:337 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22
L:338 M:301 E: (44) No Sequence Data was Shown, SEQ ID:22
L:338 M:252 E: No. of Seq. differs, <211> LENGTH:Input:7 Found:0 SEQ:22
L:356 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:23
L:357 M:301 E: (44) No Sequence Data was Shown, SEQ ID:23
L:357 M:252 E: No. of Seq. differs, <211> LENGTH:Input:7 Found:0 SEQ:23
L:368 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:430 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29